



## **Stardome pre and post Materials for KS2**

The following sheets are designed to be used after a Stardome visit from the National Space Centre.

There are different sheets designed to match certain programmes.

**Section 1 sheet 1 - Greek Myths** this sheet should be used after the Greek Myths programme. Children should use the information they learnt in this programme and research further using reference books or internet sites. They then will need to draw a [picture and write down facts about the God or Goddess they have chosen. They can then present all the information they have found out about their God/ Goddess.

<http://www.kented.org.uk/ngfl/subjects/history/webenquiry/greeks/gods.html>

**Section 1 sheet 2 - story boards - Greek constellation Myths.** These sheets are designed to be used after hearing the stories of some of the constellations. A copy of the story is included as well as a story board so that the children can hear the story again and then re tell it using the story boards.

**Section 2 sheet 1 - Myths Mummies and Pyramids** - a picture of an Egyptian collar on this sheet can be enlarged to A3 to make sure it is big enough. The class can decorate the collar with pens or with sequins and paint. Once it is completed the two tabs can be glued together to complete the collar.

**Section 2 sheet 2 - Myths Mummies and Pyramids** - build your own pyramid - children have the chance to design and colour the pyramid which they can then cut out and glue together to build a complete pyramid.

**Section 3 sheet 1 - Stars and Only Stars** - This sheet is designed to be used after taking part in the stars and only stars programme.

**Section 4 sheet 1 - Planets and stars**- create your own planet rhyme. This sheet is designed to help students to remember the order of the planets, after seeing the Planets and stars show. Children will need to choose a word to represent each planet.

**Section 5 sheets 1 - 3 - Constellations** - These sheets can be used after seeing any of the shows that includes constellations. Sheets 1 - 3 are planning sheets for writing your own story/myth about a constellation that the pupils have created.

**Section 5 sheets 4 - 9 - Constellations** - Storyboards - contained in these sheets are 2 of the myths of the constellations of Ursa Major (the great bear) and Orion. There are cloze procedure texts pupils can use to fill in the missing words of the story and also storyboards that can be completed with pictures and finish the writing of the story.

**Section 5 sheet 10 - Constellations** - create your own constellation - Pupils should use this sheet prior to sheets 1 - 3. They can use the dots (stars) to join together to create their own constellation (dot-to-dot in the stars). It is a good idea to limit the amount of stars pupils join together so they don't make it too complicated. 5 is a recommended number however you can choose more or less depending on the group.



## Myths, Mummies and Pyramids

Name: \_\_\_\_\_

**Colour in the Egyptian collar (Wesekh) so that it is bright and colourful. The cut out and attach the two tabs with glue. Wear or display with pride!**

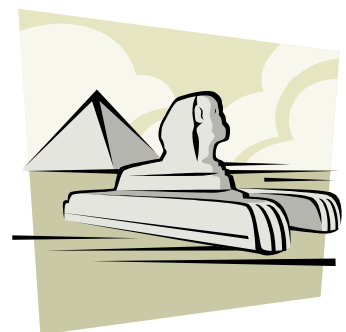
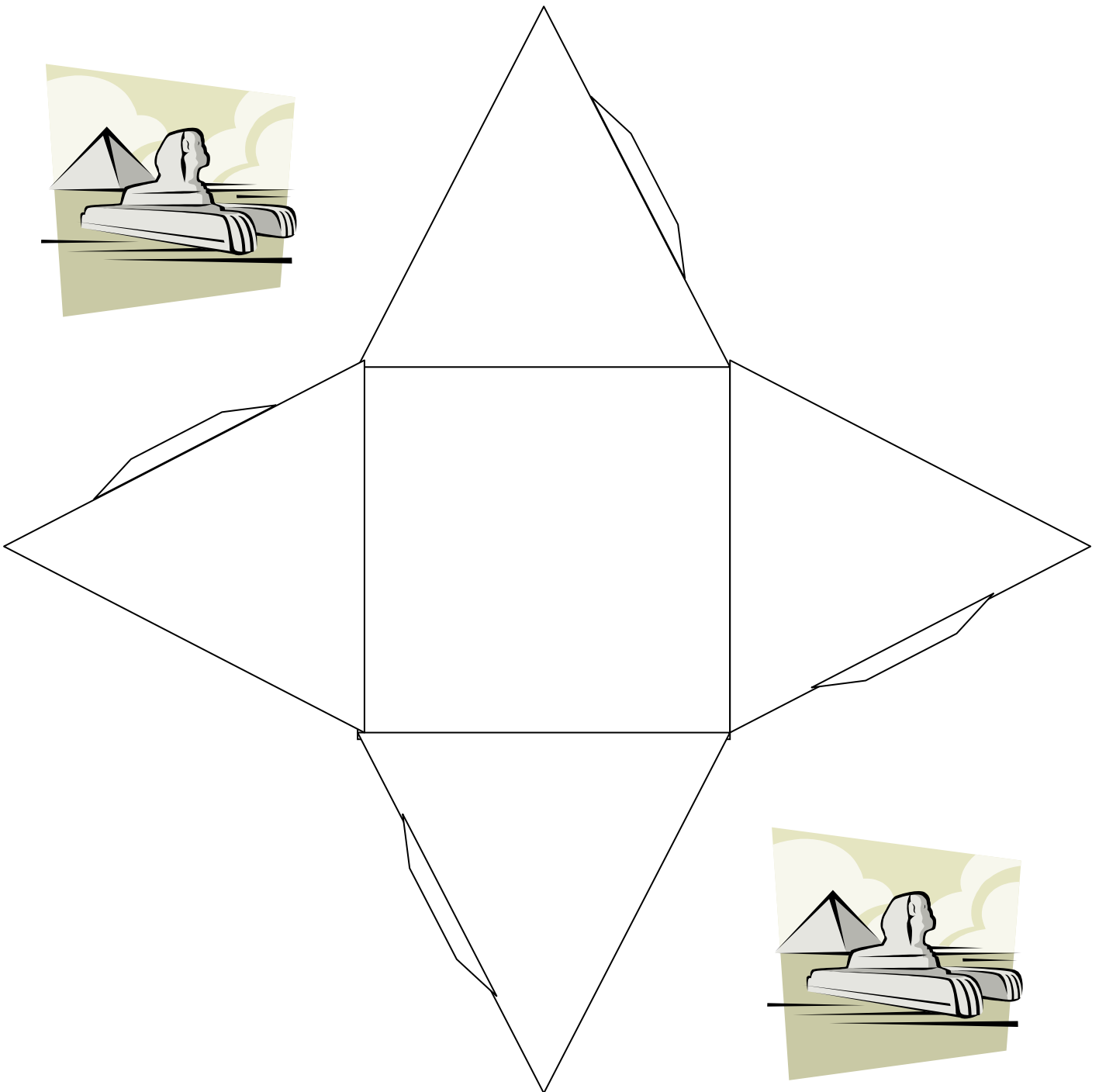
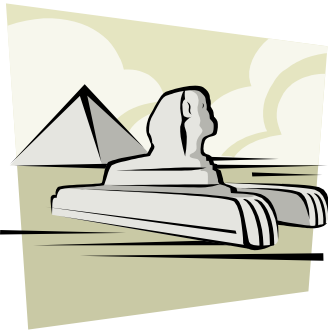


*Cleopatra*

# Myths, Mummies and Pyramids.

Name: \_\_\_\_\_

Build your own Pyramid.

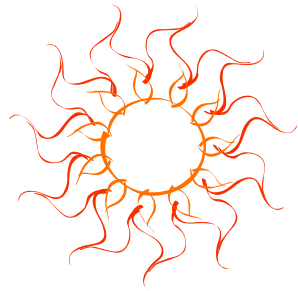


## Stars and Only Stars

Name: \_\_\_\_\_

There are 3 main types of star hot blue stars, medium yellow stars and cool red dwarf stars. Each of them burn at a different rate and burn at different temperatures.

Research information about the 3 main types of star and write down what you have found out about them.



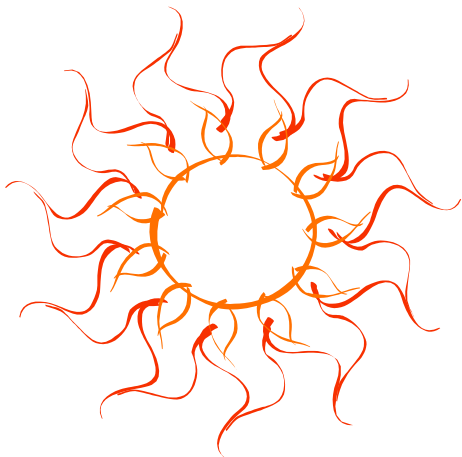
Cool red dwarf star.

Surface temperature:

Core temperature:

Size of star:

Life expectancy of star:



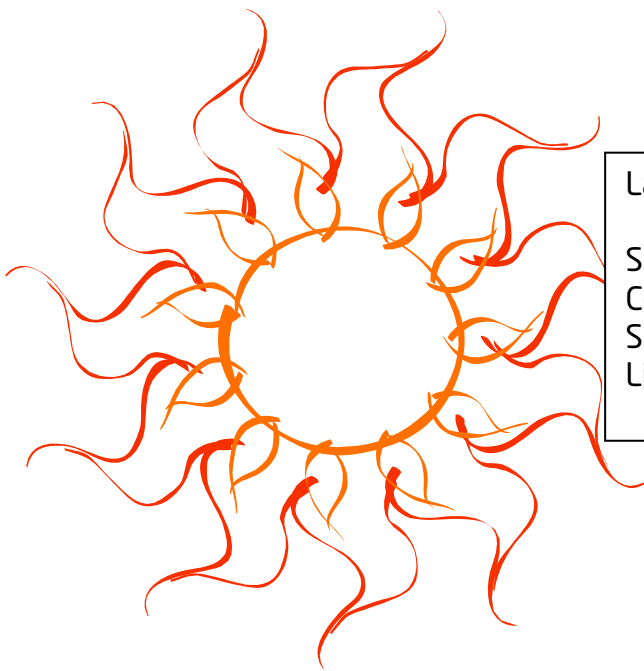
Medium yellow star.

Surface temperature:

Core temperature:

Size of star:

Life expectancy of star:



Large Hot blue star.

Surface temperature:

Core temperature:

Size of star:

Life expectancy of star:

## Planets and Stars



Name: \_\_\_\_\_

Read through the rhyme and learn it carefully. This will help you to learn the order of the planets.

My	-	Mercury
Very	-	Venus
Easy	-	Earth
Method	-	Mars
Just	-	Jupiter
Speeds	-	Saturn
Up	-	Uranus
Naming	-	Neptune
Planets	-	Pluto

Now see if you can make your own rhyme to go with the order of the planets.

Remember that each word would need to start with the same letter as the planet it is representing.

Mercury            M \_\_\_\_\_

Venus             V \_\_\_\_\_

Earth             E \_\_\_\_\_

Mars              M \_\_\_\_\_

Jupiter          J \_\_\_\_\_

Saturn            S \_\_\_\_\_

Uranus           U \_\_\_\_\_

Neptune         N \_\_\_\_\_

Pluto             P \_\_\_\_\_

## **Create your own Constellation (pattern of stars) Myth.**

### **Name:**

Now that you have created your own Constellation picture or dot - to - dot with the stars, you will need to create a myth to go with this shape.



### **Planning Sheet.**

Before you begin to write your myth you will need to plan out what will happen.

### **Beginning**

When?

Where?

Describe your character ...

### **Middle**

What mythical beast is there?

What problems did the character face?

### **Ending**

What powers or equipment were used to overcome the problem?

Who wins?

**Now you can start writing your Myth.**

## Create your own Constellation (pattern of stars) Myth.

### Name:

Now that you have created your own Constellation picture or dot - to - dot with the stars, you will need to create a myth to go with this shape.



### Planning Sheet.

Before you begin to write your myth you will need to plan out what will happen.

#### Beginning

When?

Where?

Describe your character ...

Helpful phrases:

Long ago,      When the world was  
still young,

Many years ago,      lived a brave...,

#### Middle

What mythical beast is there?

What problems did the character face?

Helpful phrases:

Huge scaled dragon,      Vicious  
tiger,      Horned fiery beast,

Captured the princess,      Ate all  
the cattle,      Scared the villagers.

#### Ending

What powers or equipment were used  
to overcome the problem?

Who wins?

Helpful phrases:

Powerful sword,      invisibility  
cloak,      winged horse,  
Huge strength,      great wisdom,

**Now you can start writing your Myth.**

## Create your own Constellation (pattern of stars) Myth.

**Name:**

Now you have completed your constellation shape and your planning you can start to write your myth.

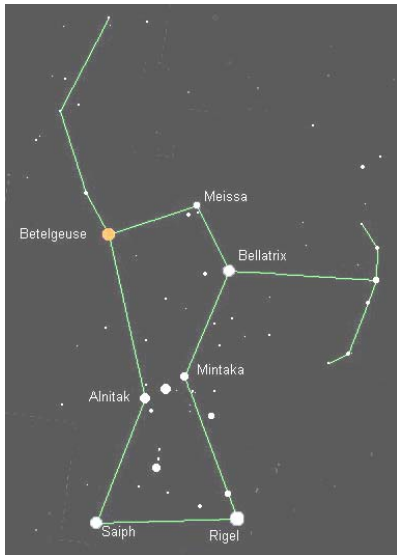
Beginning:

Middle:

End:

**In the boxes above write the Myth in the left hand boxes and draw a picture to go with each part of the Myth in the boxes on the other side.**





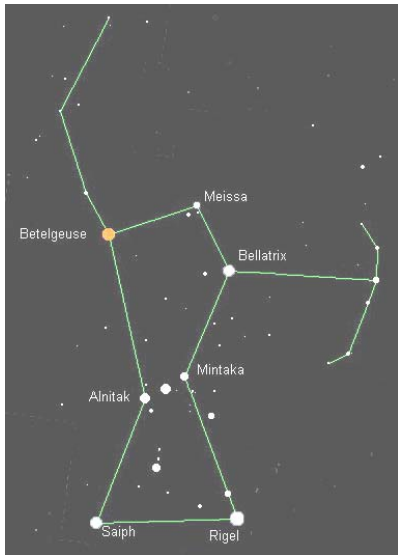
## Constellation of Orion,

arrow	tasks	King
	gave up	stories
monsters		beasts
	Hunter	Princess

Orion was a brave \_\_\_\_\_. He wanted to marry a beautiful \_\_\_\_\_.

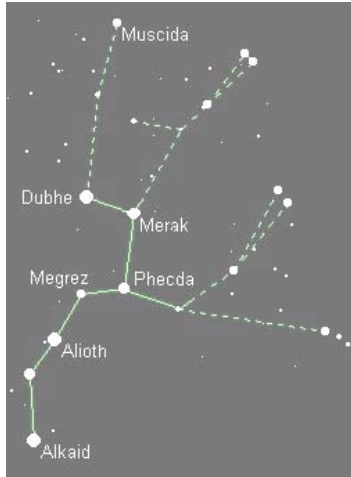
The princess's father set Orion \_\_\_\_\_ to complete before he would give his daughters hand in marriage. The task he was set was to rid the land of wild \_\_\_\_\_ and \_\_\_\_\_.

This was something Orion was very good at. Because Orion was so good at this the \_\_\_\_\_ kept adding more and more beasts to his list. In the end Orion \_\_\_\_\_ on hunting the never ending list of beasts. Orion became very popular due to his hunting skills and \_\_\_\_\_ were told about him far and wide. A huntress called Artemis admired Orion greatly. Artemis's brother Apollo became very jealous and tricked Artemis into shooting Orion with an \_\_\_\_\_ whilst he was swimming in the sea.



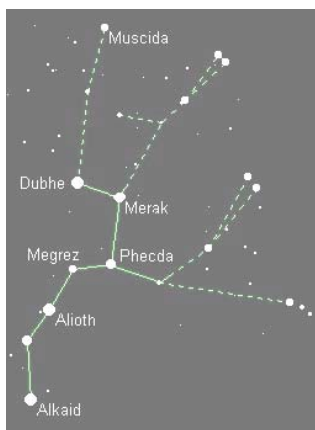
## Constellation of Orion,

Orion was a brave hunter. He wanted to marry a beautiful princess. The princess's father set Orion tasks to complete before he would give his daughters hand in marriage. The task he was set was to rid the land of wild beasts and monsters. This was something Orion was very good at because Orion was so good at this the King kept adding more and more beasts to his list. In the end Orion gave up on hunting the never ending list of beasts. Orion became very popular due to his hunting skills and stories were told about him far and wide. A huntress called Artemis admired Orion greatly. Artemis's brother Apollo became very jealous and tricked Artemis into shooting Orion with an arrow whilst he was swimming in the sea.

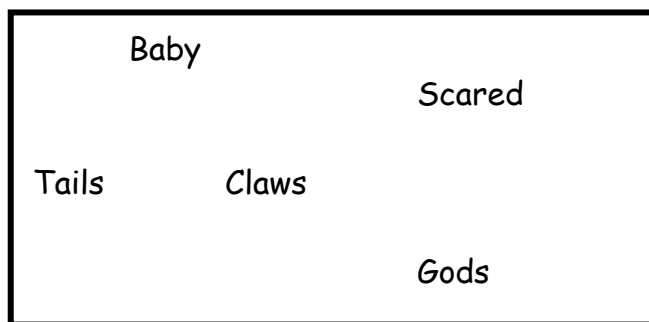


## Ursa Major: The Great Bear

Legend has it that Zeus the ruler of the Gods fell in love with a beautiful mortal called Callisto. The Goddess Hera was very jealous of Callisto and when she eventually found her with her baby Arcus, Hera came down from the mountain shouting and screaming and cursed Callisto. First Callisto found her beautiful soft skin turn to rough, thick fur. Then her nails grew to tough claws, her teeth changed to fangs and her soft voice changed to a gruff growl. Callisto had been changed into a bear! She tried to return home with her baby but couldn't pick him up so the fairies took him away to look after him. She couldn't even get into her house because now she was too big. So she lived in the forest. Her son Arcus grew up to be a mighty hunter and returned to the forest to hunt. When he came across the bear he was very scared, he was about to shoot the bear with an arrow. But luckily Zeus was looking on and realised what was happening and so turned Arcus into a bear also. As soon as he was turned into a bear he realised that the bear was his mother and ran to give her a bear hug. Zeus decided to keep both Callisto and Arcus safe to take them by their tails and threw them gently up into the stars.

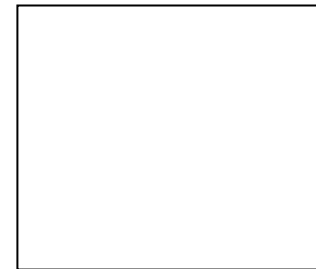
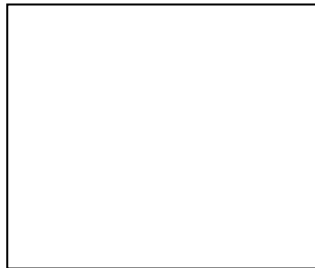
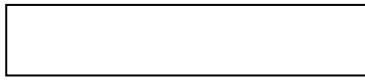
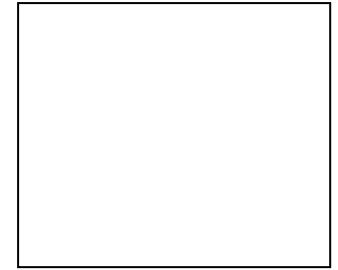
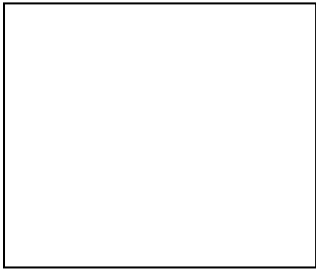
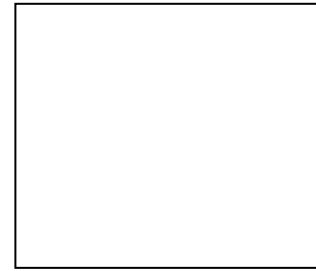
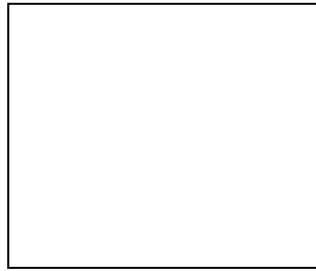
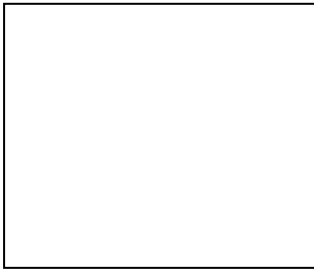


## Ursa Major: The Great Bear



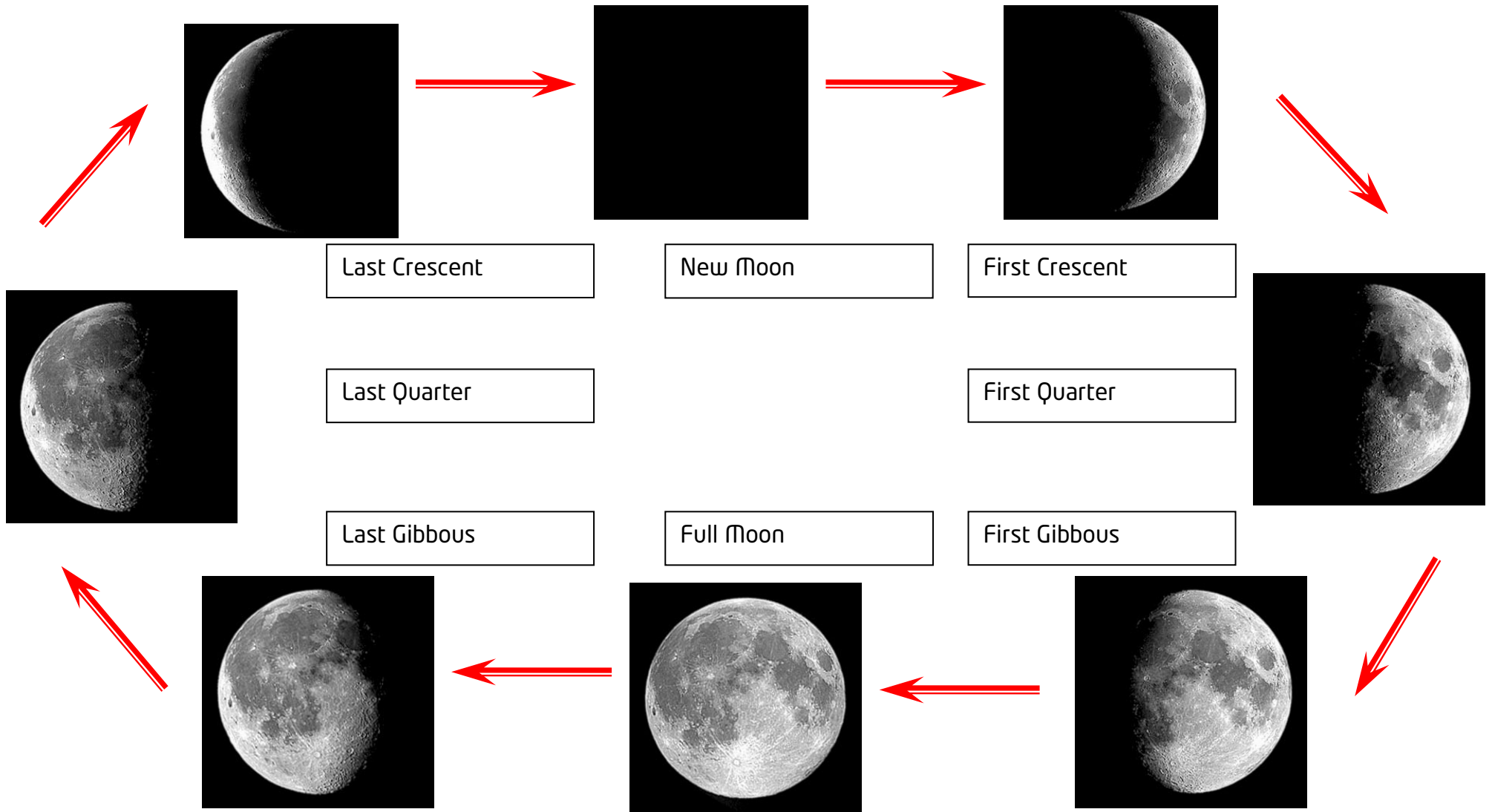
Legend has it that Zeus the ruler of the \_\_\_\_\_ fell in love with a beautiful mortal called Callisto. The Goddess Hera was very jealous of Callisto and when she eventually found her with her \_\_\_\_\_ Arcus Hera came down from the mountain shouting and screaming and cursed Callisto. First Callisto found her beautiful soft skin turn to rough, thick fur. Then her nails grew to tough \_\_\_\_\_, her teeth changed to fangs and her soft voice changed to a gruff growl. Callisto had been changed into a bear! She tried to return home with her baby but couldn't pick him up so the fairies took him away to look after him. She couldn't even get into her house because now she was too big. So she lived in the forest. Her son Arcus grew up to be a mighty hunter and returned to the forest to hunt. When he cam across the bear he was very \_\_\_\_\_, he was about to shoot the bear with an arrow. But luckily Zeus was looking on and realised what was happening and so turned Arcus into a bear also. As soon as he was turned into a bear he realised that the bear was his mother and ran to give her a bear hug. Zeus decided to keep both Callisto and Arcus safe to take them by their \_\_\_\_\_ and through them gently up into the stars.

## Phases of the Moon



Stick the pictures of the phases of the moon in the correct order, and add the name labels for each phase in the boxes above.

# Phases of the Moon



Using the diagram above **learn** the different phases of the moon and the order they are in.

## Phases of the Moon

Last Quarter

Last Crescent

First Crescent

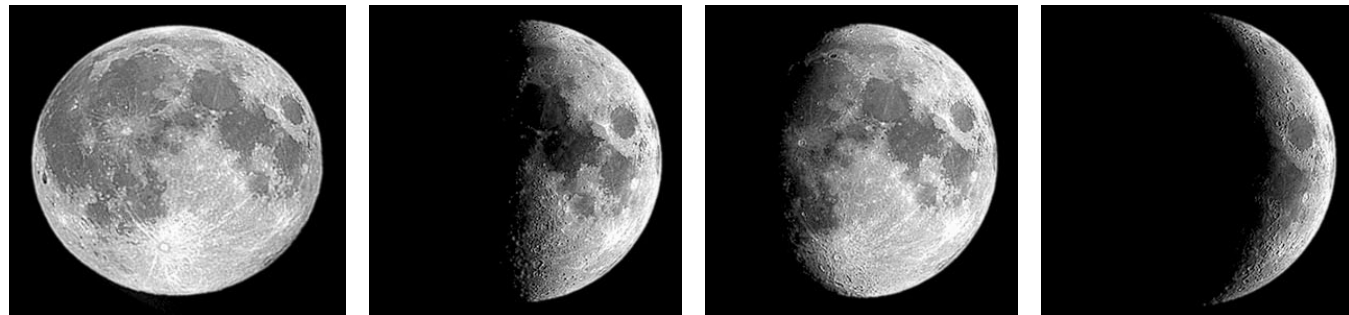
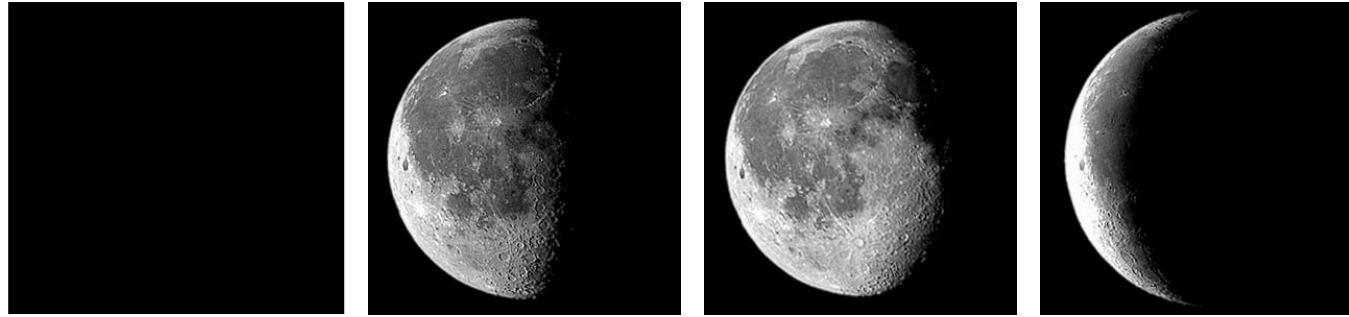
New Moon

Last Gibbous

First Quarter

First Gibbous

Full Moon



Cut out the pictures of the moon above and stick them into the correct order of the phases of the moon.

Now cut out the names of the phases of the moon and stick them with the correct picture.



**Name:**

Orion was a brave hunter. He wanted to marry a beautiful princess.	The princess's father set Orion a task to complete before he would give his daughters hand in marriage.	Orion was set the task to...	The king kept...
Orion decided ...	Orion became popular because..	A huntress called Artemis ...	Zeus placed Orion up in the stars to be remembered forever.

**Complete the story board above by filling in the missing words about the story of Orion.**

Name:

Zeus the ruler of the Gods fell in love with a beautiful woman called Callisto.	The goddess Hera was very jealous of Callisto. When she found her and the baby (Arcas) she screamed.	She cursed Callisto. Callisto noticed her skin ...	The fairies took ...
Callisto tried to return home but was.....	Arcus grew to be a brave hunter when saw a great bear he....	Zeus saw Arcus and...	To keep Arcus (little bear) and Callisto (great bear) safe he took them by their tails and threw them gently up into the stars.

**Complete the story board above by filling in the missing words about the story of the great bear (Ursa Major).**

**Create your own Constellation (pattern of stars).**

**Name:**

Use the dots below to join together to create your own dot - to - dot picture with the stars (Constellation). Remember: don't make your shape too difficult.

Try using just 5 stars to start with.

**Give your constellation a name:**

Now you can start planning your myth.

